FIG. 1 (PRIOR ART)

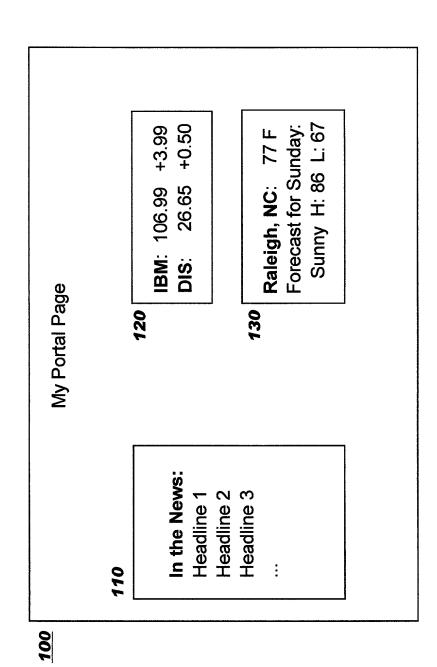


FIG. 2A

205 HTTP/1.1 200 OK

210

Content-Type: text/html

215

Refresh: 12

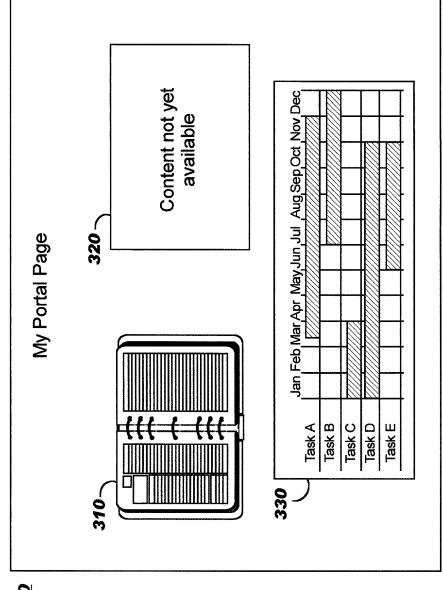
... content follows ...

FIG. 2B

<META HTTP-EQUIV="Refresh" CONTENT="12" /> *220*

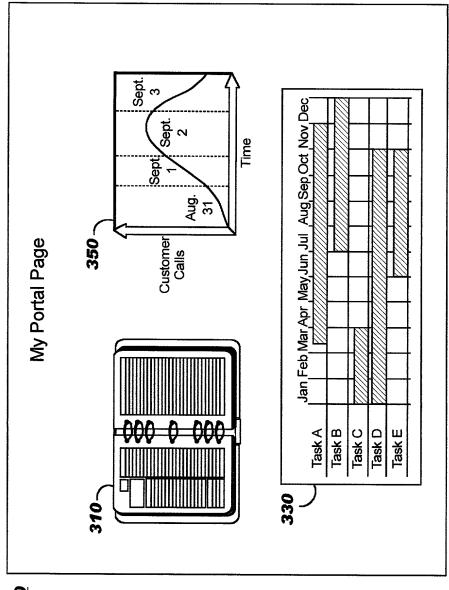
FIG. 2C 240 230 Content-type: multipart/x-mixed-replace;boundary=PortalPageContent 250 --PortalPageContent Content-type: text/html ... initial version of HTML page content ... --PortalPageContent Content-type: text/html 260 ... second version of HTML page content ... --PortalPageContent Content-type: text/html 270 ... third version of HTML page content ... --PortalPageContent--

FIG. 3A



300

FIG. 3B



340

FIG. 4

